LIBRARY

With the Medical Officer of Health's Compliments.

EBBW VALE
URBAN DISTRICT COUNCIL

REPORT

of the

MEDICAL OFFICER OF HEALTH

for the Year 1950

Prole & Son, Ebbw Vale.

EBBW VALE

URBAN DISTRICT COUNCIL

REPORT

of the

MEDICAL OFFICER OF HEALTH

for the Year 1950

Prole & Son, Ebbw Vale.

CONTENTS

Ambulance services 41
Births, Still-births 7
Cowsheds, dairies, milkshops 52
Deaths ..... 8—11
Deaths—Age groups, Wards ..... 14—15
Deaths, transferable ..... 16—17
Disinfections 55
Domestic Help Service 41
Drainage and sewerage 55
Earth closets 55
Factories Act, 1937 ..... 52—53
Food and Drugs Act, 1938 36
Food condemned 50
Hospitals 41
Housing ..... 44—47
Ice-cream 51
Immunisation ..... 23—24
Industries 42
Infantile Mortality ..... 18—20
Infectious diseases, memorandum 37
Infectious diseases, Age groups, Wards 38
Infectious diseases :—
- Acute poliomyelitis 35
- Cerebro-spinal Fever 35
- Acute polioencephalitis 35
- Diphtheria 23
- Dysentery 36
- Enteric fever 25
- Erysipelas 24
- Food poisoning 36
- Influenza 30
- Malaria 35

Measles 28
Meningococcal infections 36
Ophthalmia neonatorum 27
Pneumonia 29
Puerperal pyrexia 30
Scarlet fever 22
Smallpox 25
Tuberculosis ..... 31—33
Whooping cough 26
Isolation hospitals 40
Laboratory services 41
Legislation, bye-laws 43
Maternity and Child welfare 41
Members of the Council 5
Medical appliances scheme 41
Midwifery and home nursing 41
National Assistance Act, 1948, Sec. 47. 42
Public Cleansing 42
Public Conveniences 42
Public Health Act, 1936—Inspections 48
Public Health Meat Regulations, 1924 49
Public Houses 51
Rainfall 56
Rodent Infestation 48
Statistics, County 12
Statistics, general 4
Statistics, Registrar-general 13
Vaccination 25
Vermin—bed-bugs 48
Water Supply 54
Zymotic Diseases 21
Zymotic Mortality 21

EBBW VALE URBAN DISTRICT COUNCIL

Rateable Value	£134,008
Area of District	6,817 acres
Population (Census) 1931	31,695
Population (Estimated) 1950	29,370
Population (Estimated) 1949	29,440
Population (Estimated) for Birth and Death Rates	29,370
Number of Living Births	485
Illegitimate Births	11
Birth Rate per 1,000 inhabitants	16.51
Birth Rate per 1,000 inhabitants, 1949	17.46
Number of Deaths	359
Death Rate per 1,000 inhabitants	12.22
Death Rate per 1,000 inhabitants, 1949	13.72
Infantile Mortality	18
Infant Death Rate per 1,000 Births	37.11
Infant Death Rate per 1,000 Births 1949	71.98
Zymotic Death Rate	0.07
Zymotic Death Rate, 1949	0.10
Phthisis Death Rate per 1,000 inhabitants	0.31
Phthisis Death Rate per 1,000 inhabitants, 1949	0.65

EBBW VALE URBAN DISTRICT COUNCIL

Chairman .... .. Councillor C. Jenkins, J.P.

Vice-Chairman .... Councillor C. W. Norton

Members of The Council

Councillor D. W. H. Bennett
„ F. E. Bird
„ A. J. Bull
„ J. G. Bush
„ W. Darby
„ A. Davies
„ D. H. Davies
„ J. Davies
„ R. Davies, B.A.

Councillor A. J .Fonesca, Solicitor
„ O. T. Harris
„ J. James
„ T. Nicholas
„ E. J. Parsons
„ F. Talbot
„ A. Thomas
„ D. Warren
„ G. Watkins

Councillor C. C. Weston

Clerk of the Council .... R. E. Herbert, Esq.

Deputy Clerk and Solicitor .... H. J. Williams, Esq.

Treasurer and Accountant .... W. Hicks, F.I.M.T.A., F.S.A.A.

Engineer and Surveyor .... J. G. Hoskins, M.Inst.M.&Cy.E.

Architect .... J. L. Thomas, L.R.I.B.A., A.R.I.C.S., A.M.I.Mun.E., M.R.S.I.

Health Committee

Chairman .... Councillor F. E. Bird

Medical Officer of Health :

F. M. Fonesca, F.R.C.S.I., D.P.H.

Senior Sanitary Inspector :

A. Stokes, M.R.S.I., M.S.I.A.

Additional Sanitary Inspectors :

J. R. Pulsfoord, M.R.S.I.
D. H. Cowles, M.R.S.I.

Clerk :

T. S. Bowen

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

to the

EBBW VALE URBAN DISTRICT COUNCIL

for the year 1950

To the Chairman and Members

of the Ebbw Vale Urban District Council.

Gentlemen,

I have the honour to submit my report for the year 1950. It is made in accordance with the memorandum of the Ministry of Health

The area of the Ebbw Vale Urban District is 6,817 acres, with an estimated population of 29,370 which is the population given by the Registrar-General for calculating Birth and Death Rates.

The returns of Births and Deaths as given by the Registrar-General will be used for calculating purposes. It will be noticed that the figures do not quite correspond with those of the weekly returns made by the local Registrar.

BIRTHS

During 1950 the total number of births registered in this area was 550—284 males and 266 females; 5 males and 8 females being illegitimate. Of this number however, 68 males and 52 females (3 males and 1 female being illegitimate) were born to persons who are not normally resident within the district, thus leaving a total of 430—216 males and 214 females.

The figures as returned by the Registrar-General were 244 males and 241 females (4 males and 7 females being illegitimate) thus making a total of 485 or 55 more than the local returns.

The general birth rate per 1,000 inhabitants is 16.51 as against 17.46 for 1949, and 15.80 for England and Wales. In 1950 the male birth rate was 8.31, the female being 8.20 per thousand, whilst in 1949 these birth rates were 9.17 and 8.29 respectively.

Year	Population	No. of Births	Birth Rate	England and Wales
1948	29,430	574	19.50	17.90
1949	29,440	514	17.46	16.70
1950	29,370	485	16.51	15.80

Births for the Year, 1950—Local Returns

Month	Males	Females	Total	Males	Females	Total
January	15	24	39			
February	22	24	46	51	66	117
March	14	18	32			
April	23	33	56			
May	15	18	33	56	61	117
June	18	10	28			
July	20	12	32			
August	15	11	26	52	43	95
September	17	20	37			
October	18	19	37			
November	24	10	34	57	44	101
December	14	16	30			
	216	214	430	216	214	430

Number of Still-Births

	Males	Females	Total
Legitimate	11	3	14
Illegitimate	1	—	1
	12	3	15

DEATHS

The total number of Deaths from all causes which occurred in this area as returned by the Registrar-General was 359; of this number 197 were males and 162 females. The weekly returns of Deaths as submitted by the Local Registrar, together with the Transferable Deaths returned by the County Medical Officer, also show the total to be 359.

The general Death Rate per thousand of the population is 12.22; 6.70 being males and 5.52 females, while for England and Wales the annual Death Rate is 11.60.

Year	Population	No. of Deaths	Death Rate	England and Wales
1948	29,430	304	10.33	10.80
1949	29,440	404	13.72	11.70
1950	29,370	359	12.22	11.60

Monthly Deaths of Males and Females
Local Returns

	Males	Females	Total
January	12	11	23
February	20	15	35
March	19	12	31
April	24	18	42
May	15	11	26
June	9	10	19
July	14	13	27
August	14	4	18
September	10	14	24
October	11	12	23
November	11	10	21
December	18	14	32
	177	144	321

The Transferable Deaths as returned by the County Medical Officer of Health were :- 38
Males 18 ; Females 20.

Causes of Death in Ebbw Vale Urban District, 1950

		M	F
1.	Tuberculosis, respiratory	2	3
2.	Tuberculosis, other	1	3
3.	Syphilitic disease	3	0
4.	Diphtheria	0	0
5.	Whooping Cough	1	0
6.	Meningococcal infections	0	0
7.	Acute poliomyelitis	0	0
8.	Measles	0	0
9.	Other infective and parasitic diseases	1	0
10.	Malignant neoplasm, stomach	11	3
11.	Malignant neoplasm, lung, bronchus	3	0
12.	Malignant neoplasm, breast	0	6
13.	Malignant neoplasm, uterus	0	6
14.	Other malignant and lymphatic neoplasms	29	9
15.	Leukaemia, aleukaemia	0	1
16.	Diabetes	1	3
17.	Vascular lesions of nervous system	10	20
18.	Coronary disease, angina	31	12
19.	Hypertension with heart disease	5	8
20.	Other heart disease	31	29
21.	Other circulatory disease	8	7
22.	Influenza	2	2

Causes of Death—Continued

23.	Pneumonia	9	4
24.	Bronchitis	8	4
25.	Other diseases of respiratory system	1	2
26.	Ulcer of stomach and duodenum	2	0
27.	Gastritis, Enteritis and diarrhoea	0	1
28.	Nephritis and nephrosis	2	4
29.	Hyperplasia of prostate	8	0
30.	Pregnancy, Childbirth, abortion	0	1
30.	Congenital malformations	1	2
32.	Other defined and ill-defined diseases	19	29
33.	Motor vehicle accidents	1	0
34.	All other accidents	6	2
35.	Suicide	1	1
36.	Homicide and operations of war	0	0
All causes		197	162

Comparability Factors :—

Births	1.06
Deaths	1.13

Live Births :		
Total	244	241
Legitimate	240	234
Illegitimate	4	7
Still Births :		
Total	12	3
Legitimate	11	3
Illegitimate	1	0

Causes of Death—Continued

Deaths of Infants under 1 year of age :

Total	9	9
Legitimate	9	9
Illegitimate	0	0

Deaths of Infants under 4 weeks of age :

Total	2	7
Legitimate	2	7
Illegitimate	0	0

Statistical Rates of Births and Deaths for the County of Monmouth for the year 1950 are as follows :

Live Birth Rate per 1,000 of the population	17.4
Still-birth Rate per 1,000 of the population	0.58
Death Rate per 1,000 of the population	12.3
Infantile Mortality Rate per 1,000 Births	39.8

The Maternal Mortality Rate for the County is :

Per 1,000 Total Births (live and still)	1.73

VITAL STATISTICS

Birth-rates, Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for Certain Infectious Diseases in the Year 1950. Provisional figures based on Quarterly Returns.

	England and Wales	126 County Boroughs and Great Towns (including London)	148 Smaller Towns (Resident Population 25,000-50,000 at 1931 Census)	London Administrative County
Births		**Rates per 1,000 Home Population**		
Live births	15.8	17.6	16.7	17.8
Still births	0.37	0.45	0.38	0.36
Deaths		12.3	11.6	11.8
All Causes	11.6	0.00	0.00	0.00
Typhoid and paratyphoid ...	0.00	0.01	0.01	0.01
Whooping Cough	0.01	0.00	0.00	0.00
Diphtheria	0.00	0.42	0.33	0.39
Tuberculosis	0.36	0.09	0.10	0.07
Influenza	0.10	—	—	—
Smallpox	—			
Acute poliomyelitis (including		0.02	0.02	0.01
polionecephalitis	0.02	0.49	0.45	0.48
Pneumonia	0.46			
Notifications (Corrected)				
Typhoid fever	0.00	0.00	0.00	0.01
Paratyphoid fever	0.01	.0.01	0.01	0.01
Meningococcal infection ...	0.03	0.03	0.02	0.03
Scarlet fever	1.50	1.56	1.61	1.23
Whooping Cough	3.60	3.97	3.15	3.21
Diphtheria	0.02	0.03	0.02	0.03
Erysipelas	0.17	0.19	0.16	0.17
Smallpox	0.00	0.00	—	—
Measles	8.39	8.76	8.36	6.57
Pneumonia	0.70	0.77	0.61	0.50
Acute poliomyelitis (including polioencephalitis)				0.08
Paralytic	0.13	0.12	0.11	0.05
Non-paralytic	0.05	0.05	0.06	0.25
Food poisoning	0.17	0.16	0.14	
Deaths		**Rates per 1,000 Live Births**		
All cases under 1 year of age...	29.8(*a*)	33.8	29.4	26.3
Enteritis and diarrhoea under 2 years of age	1.9	2.2	1.6	1.0
Notifications (Corrected)		**Rates per 1,000 Total (Live and Still) Births**		
Puerperal fever and pyrexia ...	5.81	7.43	4.33	6.03

Maternal Mortality in England and Wales

International List No. and cause	*Rates per* 1,000 *Total (Live and Still) Births*	(*a*) Per 1,000 related live births. *Rates per million women aged* 15-44
651. Abortion with sepsis	0.09	7
650, 652. Other abortion	0.05	4
640-649, 670-678. Complication of pregnancy and delivery	0.54	———
681. Sepsis of childbirth and the puerperium	0.03	
680, 682-689. Other complications of the puerperium	0.15	

Cause of Death	Males	Females	At All Ages	Under 4 wks	4 wks to 1 yr	1—5 ,,	5—15 ,,	15—2. ,,	2.,—35 ,,	35—45 ,,	45—55 ,,	55—65 ,,	65—75 ,,	Over 75
1 Tuberculosis, Respiratory	2	1	3	.				..			1	1	...	1
2 Tuberculosis, Other Forms ..	1	2	3			1	.	1	1	...	...			
3 Syphilitic Disease ...	3	..	3				...	...		...	...	2	1	...
4 Diphtheria ...	...	...		...		...	...	...	...	...	...	...	...	...
5 Whooping Cough	1		1	...	1		.		...	...	...	..		...
6 Meningococcal Infections ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	..
8 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Other Infective & Parasitic Diseases	1		1	...	...	...	...	...	...	...	...	1	...	...
10 Malignant Neoplasm Stomach	11	2	13	...	...	...	...	...	...	...	1	5	6	1
11 ,, ,, Lung, Bronchus	3	...	3	...	...	...	...	...	...	...	...	1	2	...
12 ,, ,, Breast	...	5	5	...	...	...	...	...	...	...	1	...	1	3
13 ,, ,, Uterus	...	5	5	...	...	...	...	...	...	1	...	1	2	1
14 Other Malignant and Lymphatic Neoplasms	26	9	35	..	...	...	...	..	...	2	6	6	14	7
15 Leukaemia, Aleukaemia	...	...	...	...	...	...	...	...	...	..	...	...	...	...
16 Diabetes	1	3	4	...	...	...	...	...	...	...	...	2	1	1
17 Vascular Lesions of Nervous System	8	17	25	...	...	...	...	...	...	1	1	5	6	12
18 Coronary Disease, Angina	28	13	41	...	...	...	...	...	...	1	7	8	15	10
19 Hypertension with Heart Disease	4	7	11	...	...	...	...	...	...	...	1	1	6	3
20 Other Heart Disease	27	31	58	...	...	...	...	...	3	2	3	5	12	33
21 Other Circulatory Disease	7	3	10	...	...	...	...	...	...	...	...	...	5	5
22 Influenza	2	2	4	...	...	...	...	...	..	...	...	1	1	2
23 Pneumonia	8	3	11	...	4	...	...	...	...	...	...	2	2	3
24 Bronchitis	8	3	11	...	...	...	...	...	...	...	...	...	4	7
25 Other Dis. Respiratory Syst.	2	2	4	...	...	...	...	...	...	1	1	1	...	1
26 Ulcer.stomach or duodenum	2	...	2	...	...	...	...	...	...	...	2	...	...	...
27 Gastritis, Enteritis Diarrhœa	...	1	1	...	1	...	...	...	...	...	...	...	...	...
28 Nephritis and Nephrosis	3	4	7	...	...	...	...	...	...	1	2	...	3	1
29 Hyperp asia of Prostate	8	...	8	...	...	...	...	...	...	...	...	...	5	3
30 Pregnancy, Childbirth, Abortions	...	1	1	...	...	...	...	...	1	...	...	...	...	...
31 Congenital Malformations	...	...	...	...	...	...	..	...	...	...	...	...	...	...
32 Other Defined and Ill-defined Diseases	5	5	10	1	...	...	...	...	...	1	3	2	...	3
33 Motor Vehicle Accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34 All other Accidents	5	3	8	...	1	...	...	...	...	...	2	...	1	4
35 Suicide	1	1	2	...	...	...	...	...	...	...	...	2	...	...
36 Homide & Operations of War	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anaemia	...	2	2	...	...	...	...	...	...	...	...	...	2	...
Appendicitis	...	1	1	...	...	...	...	...	...	...	...	...	...	1
Birth Inj. post-natal asphyxia atelectasis	1	3	4	3	1	...	...	...	...	...	...	...	...	...
Prematurity	2	2	4	3	1	...	...	...	...	...	...	...	...	...
Senility	7	13	20	...	...	...	...	...	...	...	...	...	3	17
	177	144	321	7	9	1	...	1	5	10	31	46	92	119

Causes of Death 1950 Local Returns Ward Distribution

Cause of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Tuberculosis, Respiratory...	...	...	1	1	...	1	3
2 Tuberculosis, Other Forms...	2	...	1	...	..	...	3
3 Syphilitic Disease ...	1	1	1	...	...	...	3
4 Diphtheria ...	...	...	...	...	...	...	...
5 Whooping Cough	...	...	...	...	...	1	1
6 Meningococcal Infections ...	...	...	...	...	...	...	...
7 Acute Poliomyelitis	...	...	...	...	...	...	.
8 Measles ...	...	...	...	...	...	...	...
9 Other Infective & Parasitic Diseases	1	...	...	...	...	...	1
10 Malignant Neoplasm Stomach	3	...	2	2	5	1	13
11 ,, ,, Lung, Bronchus	1	...	1	...	1	...	3
12 ,, ,, Breast	...	1	...	1	1	2	5
13 ,, ,, Uterus	1	1	...	1	1	1	5
14 Other Malignant and Lymphatic Neoplasms	5	6	5	5	5	9	35
15 Leukaemia, Aleukaemia	...	...	...	...	...	...	...
16 Diabetes	...	...	...	...	2	2	4
17 Vascular Lesions of Nervous System	2	1	6	4	6	6	25
18 Coronary Disease, Angina	5	3	7	9	7	10	41
19 Hypertension with Heart Disease	...	1	2	3	5	...	11
20 Other Heart Disease	13	2	10	12	11	10	58
21 Other Circulatory Disease	...	2	1	1	5	1	10
22 Influenza	...	1	3	...	...	...	4
23 Pneumonia	3	2	1	1	3	1	11
24 Bronchitis	3	3	1	1	...	3	11
25 Other Dis. Respiratory Syst.	...	1	...	1	1	1	4
26 Ulcer.stomach or duodenum	...	...	1	...	1	...	2
27 Gastritis, Enteritis Diarrhœa	...	...	1	...	...	...	1
28 Nephritis and Nephrosis	2	2	1	1	1	...	7
29 Hyperplasia of Prostate	...	2	1	1	3	1	8
30 Pregnancy, Childbirth, Abortions'	...	1	...	...	...	...	1
31 Congenital Malformations	...	...	...	...	...	...	...
32 Other Defined and Ill-defined Diseases	3	...	4	1	...	2	10
33 Motor Vehicle Accidents	...	...	...	...	...	...	...
34 All other Accidents	2	...	3	2	1	...	8
35 Suicide	...	...	...	1	1	...	2
36 Homide & Operations of War	...	...	...	...	...	...	...
Anaemia	...	...	1	...	1	...	2
Appendicitis	...	...	...	...	...	1	1
Birth Inj. post-natal asphyxia atelectasis	...	1	1	1	...	1	4
Prematurity	...	...	...	2	...	2	4
Senility	2	...	9	7	1	1	20
	49	31	64	58	62	57	321

Transferable Deaths 1950

Cause of Death	Males	Females	At All Ages	Under 4 wks	4 wks to 1 yr	1—5 ,,	5—15 ,,	15—25 ,,	25—35 ,,	35—45 ,,	45—55 ,,	55—65 ,,	65—75 ,,	Over 75 ,,
1 Tuberculosis, Respiratory...	...	2	2	...	...	...	...	...	2	...	...	...	...	...
2 Tuberculosis, Other Forms...	...	1	1	...	..	...	...	1	...	...	...	...	...	...
3 Syphilitic Disease ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
4 Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Whooping Cough	...	...	...	...	...	...	.	...	...	...	...	...	...	...
6 Meningococcal Infections ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	..
8 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Other Infective & Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 Malignant Neoplasm Stomach	...	1	1	...	...	...	...	...	...	...	...	...	1	...
11 ,, ,, Lung, Bronchus	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 ,, ,, Breast	...	1	1	...	...	...	...	...	...	...	...	1	...	...
13 ,, ,, Uterus	...	1	1	...	...	...	...	...	...	...	...	1	...	...
14 Other Malignant and Lymphatic Neoplasms	4	...	4	.	...	...	...	...	1	...	...	1	2	...
15 Leukaemia, Aleukaemia	...	1	1	...	...	...	...	...	...	..	...	1	...	...
16 Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 Vascular Lesions of Nervous System	1	3	4	...	...	...	...	...	...	...	1	...	2	1
18 Coronary Disease, Angina	1	...	1	...	...	...	...	...	...	...	1	...	...	...
19 Hypertension with Heart Disease	...	1	1	...	...	...	...	...	...	...	...	1	...	...
20 Other Heart Disease	4	2	6	...	...	...	...	...	...	...	...	...	3	3
21 Other Circulatory Disease	2	1	3	...	...	...	...	...	...	...	...	...	1	2
22 Influenza	...	...	...	..	...	...	...	...	..	...	...	...	...	...
23 Pneumonia	1	1	2	...	...	...	...	...	...	...	1	1	...	...
24 Bronchitis	...	1	1	...	...	...	...	...	...	...	...	...	...	1
25 Other Dis. Respiratory Syst.	...	...	...	...	...	...	...	...	...	...	...	...	..	...
26 Ulcer, stomach or duodenum	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27 Gastritis, Enteritis Diarrhœa	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28 Nephritis and Nephrosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29 Hyperp asia of Prostate	...	...	...	...	...	...	...	...	.	...	...	...	...	...
30 Pregnancy, Childbirth, Abortions	...	...	...		...	...	...	...		...	...	...	...	...
31 Congenital Malformations	1	2	3	1	...	2	.	...	.	...	...	...	...	...
32 Other Defined and Ill-defined Diseases	2	2	4	1	...	...	...	...	..	1	1	...	1	...
33 Motor Vehicle Accidents	1	...	1	...	...	...	...	...	...	...	...	1	...	...
34 All other Accidents	1	...	1	...	...	...	...	1	...	...	...	...	...	...
35 Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36 Homide & Operations of War	...	...	...	...		..			...	..	...	.	...	...
	18	20	38	2	...	2	..	2	3	1	4	7	10	7

Transferable Deaths 1950 Ward Distribution

Cause of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Tuberculosis, Respiratory...	1	...	...	1	...	...	2
2 Tuberculosis, Other Forms...	...	1	...	...	..	...	1
3 Syphilitic Disease ...	...	..	...	...	...	...	...
4 Diphtheria ...	...	...	...	...	...	...	...
5 Whooping Cough	...	...	...	...	...	...	...
6 Meningococcal Infections ...	...	...	...	...	...	...	...
7 Acute Poliomyelitis	...	...	...	...	...	...	...
8 Measles ...	...	...	...	...	...	...	...
9 Other Infective & Parasitic Diseases	...	...	...	...	...	...	...
10 Malignant Neoplasm Stomach	...	...	...	1	...	...	1
11 ,, ,, Lung, Bronchus	...	...	...	...	...	...	...
12 ,, ,, Breast	...	...	...	...	1	...	1
13 ,, ,, Uterus	...	...	1	...	...	...	1
14 Other Malignant and Lymphatic Neoplasms	...	2	1	...	1	...	4
15 Leukaemia, Aleukaemia	...	...	...	...	1	...	1
16 Diabetes	...	...	...	...	...	...	...
17 Vascular Lesions of Nervous System	...	...	1	...	1	2	4
18 Coronary Disease, Angina	...	1	...	...	...	...	1
19 Hypertension with Heart Disease	...	1	...	...	...	...	1
20 Other Heart Disease	...	...	3	...	3	...	6
21 Other Circulatory Disease	2	...	...	1	...	...	3
22 Influenza	...	...	...	...	...	...	...
23 Pneumonia	...	...	...	...	2	...	2
24 Bronchitis	...	...	...	...	...	1	1
25 Other Dis. Respiratory Syst.	...	...	...	...	...	...	...
26 Ulcer,stomach or duodenum	...	...	...	...	...	...	...
27 Gastritis, Enteritis Diarrhœa	...	...	...	...	...	...	...
28 Nephritis and Nephrosis	...	..	...	...	...	...	...
29 Hyperplasia of Prostate	...	...	...	...	...	...	...
30 Pregnancy, Childbirth, Abortions	...	...	...	...	...	...	...
31 Congenital Malformations	...	...	1	1	...	1	3
32 Other Defined and Ill-defined Diseases	...	...	...	1	2	1	4
33 Motor Vehicle Accidents	1	...	...	...	...	...	1
34 All other Accidents	...	...	..	1	...	...	1
35 Suicide	...	...	...	...	...	...	...
36 Homide & Operations of War	...	...	...	...	...	...	...
	4	5	7	6	11	5	38

Infantile Mortality

	1950	1949	1948
Number of Deaths (Under 1 year)	18	37	27
Number of Births	485	514	574
Infantile Mortality per 1,000 Live Births	37.11	71.98	47.04

There were 18 Deaths amongst infants under one year, and the general total from all Causes was 359 so that 5.01 per cent of the Deaths of the population occurred in children under one year.

According to the returns of the Registrar-General there were 485 Births during the year; 474 legitimate ,out of which number 18 died, and 11 illegitimate with no deaths.

The number of Births notified by the local Registrar was 430, out of which number 9 were illegitimate. There were 18 deaths.

Infantile Mortality (Including Transferable Deaths) 1950.

Net Deaths from Stated Causes at Various Ages under One Year.

	Causes of Death	Under 1 day	1—7 weeks	7—14 "	14—21 "	21—28 "	Total under One Month	1—3 months	3—6 "	6—9 "	9—12 "	Total under One Year	At all Ages
1	Premature Birth	2	...	...	...	1	3	1	...	...	...	1	4
2	Whooping Cough	...	...	...	...	...	...	...	1	...	...	1	1
3	Broncho-Pneumonia	...	...	...	...	...	...	1	...	2	...	3	3
4	Pneumonia	...	...	...	...	...	...	...	1	...	...	1	1
5	Pulmonary Atelactasis	...	...	...	...	...	...	1	...	...	...	1	1
6	Asphyxia	...	...	...	...	...	...	...	1	...	...	1	1
7	Gastro-Enteritis	...	...	...	...	...	..	1	...	...	...	1	1
8	Oesophageal atresia	...	...	1	...	...	1	...	...	...	...	...	1
9	Haemorrhagic Disease of the Newly Born	...	1	...	...	...	1	...	...	...	...	...	1
10	Cerebral Haemorrhage	2	...	...	...	...	2	..	...	...	...	...	2
11	Cerebral Birth Injury	...	1	1	...	...	2	...	...	...	...	...	2
		4	2	2	...	1	9	4	3	2	...	9	18

Infantile Mortality (Including Transferable Deaths) 1950.
Distribution by Wards.

Cause of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Premature Birth	...	...	...	2	...	2	4
2 Whooping Cough	...	...	...	...	...	1	1
3 Broncho-Pneumonia	2	...	...	...	1	...	3
4 Pneumonia	...	1	...	...	...	...	1
5 Pulmonary Atelectasis... ...	...	1	...	...	...	...	1
6 Asphyxia	...	...	1	...	...	...	1
7 Gastro-Enteritis	...	...	1	...	...	..	1
8 Oesophageal Artresia	...	...	...	1	...	...	1
9 Haemorrhagic Disease of the Newly Born	...	...	...	1	...	...	1
10 Cerebral Hæmorrhage... ...	...	...	2	...	...	...	2
11 Cerebral Birth Injury ...	...	...	...	1	...	1	1
	.2	2	4	5	1	4	18

Infectious Diseases

There were 380 notifications of the Statutory Notifiable Diseases as against 352 in 1949.

Zymotic Mortality

Out of the 359 Deaths from All Causes there were 2 from the "Seven Principal Diseases." These 2 deaths correspond to an annual zymotic death rate of 0.07 per thousand ofthe population as compared with 0.10 for 1949. Details of the cases together with the rates for England and Wales are given in the following table.

Zymotic Diseases, 1950

Disease	Notified Cases	Deaths	Cases fatality per cent.	Death Rate	England and Wales
1. Small-pox	0	0	0.00	0.00	—
2. Scarlet Fever	70	0	0.00	0.00	—
3. Diphtheria	2	0	0.00	0.00	0.00
4. Enteric Fever	0	0	0.00	0.00	0.00
5. Measles	118	0	0.00	0.00	—
6. Whooping Cough	61	1	1.64	0.03	0.01
7. Diarrhoea and Enteritis (under two years)	—	1	—	* 2.06	1.9

*—Death Rate per 1,000 Live Births.

The rate of attack for all Infectious Diseases was 12.94 while in 1949 it was 11.96.

Scarlet Fever

Number of Cases Notified	...	...	70	30	87
Number of Deaths	...	...	0	0	0
Attack Rate per 1,000	...	...	2.38	1.02	2.96

Monthly Notification of Scarlet Fever

	1950	1949	1948
January	11	0	9
February	11	2	12
March	5	5	9
April	9	0	3
May	3	3	7
June	0	1	14
July	4	1	8
August	7	0	7
September	5	5	4
October	6	3	4
November	4	5	7
December	5	5	3
	70	30	87

Diphtheria

	1950	1949	1948
Number of Cases Notified	2 ...	1 ...	3
Attack Rate per 1000 Ebbw Vale ...	0.07	0.03	0.10
Number of Deaths	0	0	0

Monthly Notification of Diphtheria

	1950	1949	1948
January	0	1	1
February	0	0	0
March	0	0	2
April	1	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	1	0	0
December	0	0	0
	2	1	3

The two cases notified during the year (both males aged 19 yrs and 13 yrs) were removed to Isolation Hospital. All contacts were swabbed and the premises thoroughly disinfected.

Diphtheria Immunisation

Immunisation against diphtheria is provided free of cost either at the Infant Welfare Centres, at the surgeries of the family doctors, or at this office.

The immense value of immunisation as a protection against diphtheria is being constantly publicised, and is I feel generally appreciated by parents. Immunisation however, has so successfully reduced the incidence and mortality of diphtheria that the dangers of the disease, now that cases are so few, are apt to be overlooked by some parents and as a result their children fail to receive this protection. The publicity campaign is therefore being pursued as avidly as possible.

During the year it was recognised that there was an occasional association between immunisation and poliomyelitis—a fact which quite naturally created a certain amount of apprehension among parents—and it was found necessary, due to this association, to suspend immunisations in this district for several months. The fall in the number of children immunised during the year is therefore explained.

There were no deaths from diphtheria during the year and only two cases were notified.

Immunisations Carried out at Various ages during 1950

Age at 31.12.50	Under 1 yr.	1	2	3	4	5-9	10-14	Total Under 15 yrs
i.e. Born in Year	1950	1949	1948	1947	1946	1941-45	1936-40	
No. Immunised	4	142	37	6	5	8	1	203

The number of Secondary or Re-inforcing doses given during 1950 was 13.

Total Number of Children who had completed a Full Course of Immunisation at any time up to 31.12.50

Age at 31/12/50 i.e. Born in year	Under 1 1950	1 1949	2 1948	3 1947	4 1946	5 1945	6 1944	7 1943	8 1942	9 1941	10 1940	11 1939	12 1938	13 1937	14 1936	Total Under 15 yrs.
No. Immunised ...	4	148	223	297	283	299	383	423	327	362	425	418	413	435	451	4,891
TOTALS ...	Under 5 yrs. = 955					5 - 9 yrs = 1,794					10 - 14 yrs. = 2,142					

Estimated Percentage of the Mid-1950 Child Population who have been Immunised against Diphtheria at any time up to 31.12.50

Age Groups	No. Immunised upto 31.12.50	Estimated Population mid 1950	Estimated Percentage	Estimated Percentage as at 31 12.49
Under 5 years	955	2526	37.81%	41 22%
Between 5 and 15 years ...	3936	4697	83.80%	93.98%

Smallpox

No cases of Smallpox were notified during the year.

Vaccination

Since the introduction of the National Health Service Act, 1946, the Office of Public Vaccinator has ceased to exist, and vaccination of infants against smallpox is not now compulsory. It may however, be obtained free of cost either at this office, at the Infant Welfare Centres, or at the surgeries of the local medical practitioners.

I give below in specified age groups the number of persons who were vaccinated or re-vaccinated during the year. No cases of generalised vaccinia or post vaccinal encephalomyelitis occurred during the year, and there were no deaths from complications of vaccination.

Age at Date of Vaccination	Under 1	1 to4	5 to 14	15 or over	Total
Number Caccinated	85	8	6	13	112
Number Re-vaccinated	—	—	—	27	27

Enteric Fever (including Paratyphoid)

NIL

Whooping Cough

	1950	1949	1948
Number of Cases Notified	61	30	235
Attack Rate per 1,000 Ebbw Vale ...	2.08	1.02	7.98
Number of Deaths	1	0	1
Death Rate per 1,000 Ebbw Vale ...	0.03	0.00	0.03
England and Wales	0.01	0.01	0.02

Monthly Notification of Whooping Cough

	1950	1949	1948
January	1	1	5
February	0	6	8
March	4	1	8
April	4	0	8
May	1	5	36
June	12	2	47
July	14	2	39
August	2	5	44
September	6	7	21
October	4	1	7
November	4	0	8
December	9	0	4
	61	30	235

Opthalmia Neonatorum

Three cases of this disease were notified during the year. Two cases occurred in the North Ward and one in the North Central Ward.

Cases Notified	Cases treated at— Home	Hospital	Vision Unimpaired	Total Blindness	Deaths
3	2	1	3	0	0

Monthly Notification of Ophthalmia Neonatorum

	1950	1949	1948
January	0	0	1
February	1	0	0
March	0	0	2
April	0	0	0
May	1	0	0
June	1	0	0
July	0	1	0
August	0	0	0
September	0	0	0
October	0	0	1
November	0	0	0
December	0	0	0
	3	1	4

Prevention of Blindness
Public Health Act 1936 Section 176

No action was taken by the Council under this Section during the year

Measles

	1950	1949	1948
Number of Cases Notified	118	146	572
Attack Rate per 1,000 Ebbw Vale ...	4.02	4.96	19.44
Number of Deaths	0	0	1
Death Rate per 1,000 Ebbw Vale ...	0 00	0.00	0.03

Monthly Notification of Measles

	1950	1949	1948
January	1	1	26
February	1	1	110
March	7	7	55
April	4	8	38
May	12	21	161
June	5	41	114
July	11	40	40
August	4	23	15
September	0	1	5
October	25	1	1
November	15	2	3
December	33	0	4
	118	146	572

Pneumonia

	1950	1949	1948
Number of Cases Notified	80	79	70
Attack Rate per 1,000 Ebbw Vale . .	2.72	2.68	2.38
Number of Deaths	13	16	13
Death Rate per 1,000 Ebbw Vale ...	0 44	0.54	0.44
England and Wales	0.46	0.51	0.41

Monthly Notification of Pneumonia

	1950	1949	1948
January	10	7	11
February	19	10	13
March	10	24	13
April	7	3	1
May	5	7	3
June	3	5	2
July	3	3	2
August	2	3	3
September	4	2	1
October	8	4	1
November	3	9	4
December	6	2	16
	80	79	70

Influenza

	1950	1949	1948
Number of Deaths	4	13	6
Death Rate per 1,000 Ebbw Vale ...	0.14	0.44	0.20
England and Wales	0.10	0.15	0.03

Puerperal Pyrexia

	1950	1949	1948
Number of Cases Notified	1	1	2
Attack Rate per 1000 Ebbw Vale ...	0.03	0.03	0.07
Number of Deaths	0	0	0

Monthly Notification of Puerperal Pyrexia

	1950	1949	1948
January	1	1	0
February	0	0	0
March	0	0	1
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	1
November	0	0	0
December	0	0	0
	1	1	2

Tuberculosis

Twenty-six cases of tuberculosis were notified during the year; twenty being Pulmonary, and six other forms. Five Deaths occurred from pulmonary tuberculosis, two males and three females, giving an annual death rate per thousand of the population of 0.07 and 0.10 respectively. There were four deaths from other forms of tuberculosis, one male and three females, giving an annual death rate per thousand of the population of 0.03 and 0.10 respectively.

Attack Rate per 1,000 Ebbw Vale	1950	1949	1948
Pulmonary Tuberculosis	0.68	1.36	1.36
Tuberculosis, other forms	0.20	0.17	0.24

Monthly Notification of Tuberculosis
Pulmonary and Other Forms

	PULMONARY			OTHER FORMS		
	1950	1949	1948	1950	1949	1948
January	1	4	2	0	0	0
February	1	7	7	0	0	1
March	4	7	5	1	0	0
April	3	2	1	0	0	0
May	0	5	4	1	1	0
June	2	2	5	1	0	2
July	1	0	1	1	1	0
August	0	3	4	0	0	2
September	4	3	2	2	1	0
October	1	2	6	0	0	1
November	2	3	2	0	1	0
December	1	2	1	0	1	1
	20	40	40	6	5	7

Notification of Tuberculosis
Ward Distribution

	N.W.	B.W.	N.C.W.	C.W.	S.C.W.	S.W.	Total
Pulmonary Tuberculosis	6	1	5	4	3	1	20
Tuberculosis, other forms	2	1	—	1	2	—	6
	8	2	5	5	5	1	26

Tuberculosis.

Age Groups	Notifications New Cases				Deaths Notified Cases				Deaths Non-Notified Cases			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ...	...	...	...	...	...	...	...	...	...	...	...	...
Between 1 and 5 years ...	1	...	1	...	...	...	...	...	...	...	...	1
5 ,, 10 ,, ...	...	...	...	...	...	...	...	...	...	...	...	...
10 ,, 15 ,, ...	...	...	...	1	...	...	...	...	...	...	...	...
15 ,, 20 ,, ...	1	2	...	...	...	...	1	1	...	...	...	...
20 ,, 25 ,, ...	1	2	...	1	...	...	...	...	...	...	...	...
25 ,, 35 ,, ...	2	1	...	...	...	2	...	1	...	...	...	...
35 ,, 45 ,, ...	3	2	1	2	...	...	...	...	...	...	...	...
45 ,, 55 ,, ...	...	1	...	...	1	...	...	...	...	..	...	...
55 ,, 65 ,, ...	...	...	...	...	...	...	...	...	1	...	...	...
Over 65 ,, ...	2	2	...	...	...	1	...	...	...	...	...	...
	10	10	2	4	1	3	1	2	1	...	...	1

Public Health (Prevention of Tuberculosis) Regulations,1925

Action taken under these Regulation relating to Tuberculous employees in the milk trade	Nil
(a) Action taken under Article 3	Nil
(b) Of the number of cases in which Notices have been served under Article 5	Nil
(c) Of the number of appeals under Article 6 and their result	Nil
(d) Of the number of cases in which compensation has been paid, and its average amount	Nil

Public Health Act, 1936, Section 172

No action was taken by the Council under this Section during the year.

Tuberculosis Physician's Report upon Tuberculosis Work in Ebbw Vale during the year ended December 31st, 1950

Patients from this district attended the Visiting Station at the Workmen's Hall, Ebbw Vale, and the Chest Clinic at Pontllanfraith.

1. Number of Cases examined at Ebbw Vale Clinic (including Home Visits) i.e. New Cases seen during 1950	376
2. Total number of Attendances at Ebbw Vale Clinic (including Home Visits) i.e. New and Old Cases seen during 1950	1,259

Erysipelas

Number of Cases Notified	15	17	21
Attack Rate per 1,000 Ebbw Vale ...	0.51	0.58	0.71

Monthly Notification of Erysipelas

	1950	1949	1948
January	1	2	2
February	1	2	3
March	0	1	2
April	0	3	0
May	0	0	0
June	2	0	2
July	2	1	0
August	3	1	4
September	0	0	2
October	0	1	2
November	0	4	2
December	6	2	2
	15	17	21

Acute Poliomyelitis

	1950	1949	1948
Number of Cases Notified	2	2	1
Attack Rate per 1,000 Ebbw Vale	0.07	0.07	0.03
Number of Deaths	0	0	0

Acute Encephalitis

NIL

Cerebro-spinal Meningitis

NIL

Malaria

NIL

Dysentery

	1950	1949	1948
Number of Cases Notified	1	0	0
Attack Rate per 1,000 Ebbw Vale	0.03	0.00	0.00
Number of Deaths	0	0	0

Meningococcal Infection

NIL

Food and Drugs Act, 1938, Sec. 17

During the year one case of Food Poisoning was notified.

Memorandum

In the tabular statement shown below the case rates per 1,000 of the population for certain infectious diseases notified to me during the year are compared with figures supplied by the Registrar-General for the same diseases in England and Wales.

Disease	Notified Cases in the district	Case Rate per 1,000 (i) Ebbw Vale	(ii) Eng. & Wls.
Typhoid fever	0	0.00	0.00
Paratyphoid fever	0	0.00	0.01
Meningococcal infection	0	0.00	0.03
Scarlet fever	70	2.38	1.50
Whooping Cough	61	2.08	3.60
Diphtheria	2	0.07	0.02
Erysipelas	15	0.51	0.17
Smallpox	0	0.00	0.00
Measles	118	4.02	8.39
Pneumonia	80	2.72	0.70
Acute poliomyelitis (including polioencephalitis)			
Paralytic	2	0.07	0.13
Non-paralytic	0	0.00	0.05
Food poisoning	1	0.03	0.17

Infectious Diseases,
Analysis of Total Cases and Deaths

Disease	At all Ages	Cases Notified												Ward Distribution						Removed to Hospital
		Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	Over 65 years	N. Ward	Badminton W.	N.C. Ward	C. Ward	S C. Ward	S. Ward	
Diphtheria	2	...	.	...	...	...	...	1	1	..	...	...	...	...	..	1	.	1	...	2
Scarlet Fever...	70	...	1	2	4	8	35	13	2	3	1	1	...	6	13	6	15	14	16	7
Pneumonia	80	4	8	6	1	4	6	1	1	3	10	16	20	19	11	23	8	10	9	1
Erysipelas	15	...	...	...	...	...	...	...	...	2	3	9	1	2	1	3	5	3	1	...
Measles	118	6	10	13	14	12	50	11	2	...	...	...	...	34	16	10	20	33	5	.
Whooping Cough	61	12	6	7	12	9	12	1	1	1	...	...	...	13	2	7	4	5	30	1
Puerperal Pyrexia	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	.	...	...	...	...
Ophthalmia Neonatorum	3	3	...	...	...	..	...	...	...	...	...	...	...	2	...	1	...	...	...	...
Dysentery	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Acute Polio-myelitis	2	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	1	...	...	...
Food Poisoning	1	...	..	...	...	...	...	...	1	...	...	...	...	...	...	...	...		1	1
	354	25	25	28	32	33	105	27	8	10	14	26	21	76	46	51	53	66	62	12

DEATHS

Disease	At all Ages	AGE GROUPS.												Wards					
		Under 1 year	1-2 years	2-3 ,,	3-4 ,,	4-5 ,,	5-10 ,,	10-15 ,,	15-20 ,,	20-35 ,,	35-45 ,,	45-65 ,,	Over 65 years	N. Ward	B. Ward	N C. Ward	C. Ward	S C Ward	S. Ward
Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..			..
Pneumonia	13	4	...	...	...	...	...	...	...	1	3	2	3	3	2	1	1	5	1
Erysipelas	...	...	...	...	...	...	...	..	...	...	...	...	...	...		...	...		...
Measles	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	.	...	.
Whooping Cough ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..		1
Puerperal Pyrexia . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio-myelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Food Poisoning ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...		...		
	14	5	...	...	...	...	...	...	...	1	3	2	3	3	2	1	1	5	2

Notifiable Diseases

Cases admitted to Isolation Hospitals during the Year

Disease	Cases Notified	Hospitals					Total
		Ashvale Tredegar	Bedwellty	Allt-yr-yn, Newport	Caerphilly	Canton Cardiff	
Diphtheria	2	1	1	—	—	—	2
Scarlet Fever	70	5	1	—	1	—	7
Whooping Cough	61	—	—	—	—	1	1
Pneumonia	80	—	—	1	—	—	1
Food Poisoning	1	1	—	—	—	—	1
		7	2	1	1	1	12

During the year twenty-three cases of Pulmonary, and four cases of Non-Pulmonary Tuberculosis were admitted to various sanatoria.

Maternity and Child Welfare

There are three clinics in the district. one at Ebbw Vale, Cwm and Beaufort. In cases requiring further treatment or closer observation than it is possible to give at the weekly sessions, parents are advised to consult their own medical attendant. The ante-natal clinics are held weekly.

Midwifery Service and Home Nursing

Six midwives, employed by the County Council, practice in the district. They work under the supervision of Miss Walters.

Home nursing facilities are available to all necessitous cases, and employed in this respect are five district nurses with one relief nurse, all working under the supervision of Miss Spencer.

Hospitals

There are two hospitals in the district—the Ebbw Vale Hospital, where both medical and surgical cases are treated, and the Rookery Maternity Hospital. All cases of infectious diseases requiring hospital treatment are sent to Isolation Hospitals outside the area.

Ambulance Services

The ambulance services are controlled by the Monmouthshire County Council with the control centre at Caerleon. The local depot is situated at the Council Yard, Ebbw Vale.

Domestic Help Service

In this area the Domestic Help Service has an establishment of four full-time and twenty-five part-time Home Helps, and during the year 120 cases received assistance. Of this number 14 were maternity cases, 2 were cases of tuberculosis, and the remaining 104 were either aged persons or chronic sick cases.

Medical Appliances Scheme

The Monmouthshire County Council are responsible for providing the appliances issued under this scheme, but the depots are still staffed on a voluntary basis by members of the St. John's Ambulance Brigade and the British Red Cross Association.

Articles supplied under this scheme include air-beds, air-rings, bed pans, urinals, crutches and invalid folding chairs, etc.

Laboratory Services

The Public Health Laboratory Services is directed by the Medical Research Council for the Ministry of Health. There are no facilities for this type o fwork within the district, so all specimens for bacteriological and pathological examination are sent to the laboratory at the County Hall, Newport.

National Assistance Act, 1948, Sec. 47

No action was taken by the Council under this Section which provides for the removal to suitable premises of persons who—

(a) are suffering from grave chronic disease or, being aged, infirm or physically incapacitated are living in insanitary conditions, and

(b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.

Public Cleansing

A very satisfactory public cleansing service was maintained throughout the year. House refuse was collected from all houses in the district three times each week and a weekly collection of salvage was also carried out.

All street gullies are cleansed by means of a modern gully cleanser which enables thorough cleansing to be carried out at least once a month.

Public Conveniences

The Local Authority has been concentrating on the provision of modern conveniences throughout the area, and during the year two new conveniences were completed and work commenced on one other. It is anticipated that other structures will be commenced in the near future.

Industries

Particulars of the staple industries of the district.

Steam Coal Collieries.

Coke Making.

Coal Bye-products.

Steel and Tinplate Works.

Brick Making.

The principal diseases from which those engaged in the coal mining industry suffer from are :

Bronchitis (acute, sub-acute and chronic), Anthrocosis, Silicosis, Rheumatism (sub-acute and chronic), Neuralgia, Neuritis, Tonsilitis, Accidents and their complications, Varicose veins, Flat foot, Heart iDsease, Nystagmus, various forms of Beat Knee and Elbow, Aaemia, Nephritis (occasional), Pneumoconiosis. The usual terminal disease is Pneumonia.

Legislation in Force

Local Acts

Ebbw Vale Improvement Act	1903
Ebbw Vale Water Act	1904
Ebbw Vale Water Act	1913
Ebbw Vale Urban Dictrict Council Act	1917
Ebbw Vale Urban Dictrict Council Act	1920
Ebbw Vale Urban Dictrict Council Act	1923
Ebbw Vale Urban Dictrict Council Act	1941
Western Valley (Mon.) Sewerage Board	1903

Bye-Laws

With Respect to

Cleansing of Footpaths and Pavements	10 March, 1898
Nuisances	20th September, 1897
Common Lodging Houses	20th September, 1897
Slaughterhouses	20th September, 1897
Public Slaughterhouses	23rd January, 1891
For prevention of danger from Swings, Whirligigs, etc.	9th August, 1899
Nuisances	4th April, 1905
Tents, vans, etc.	4th April, 1905
Offensive Trades	12th April, 1905
Employment of children	26th June, 1908
Cemeteries	2nd October, 1911
New Streets and Buildings	9th November, 1911
Dairies, Cowsheds, Milkshops	21st June, 1904
Pleasure Ground	21st June, 1904
Houses Let-in-lodgings	21st June, 1904

Sanitary Inspector's Report

Statistics **Year Ended December 31st, 1950**

Estimated Population	29,370
General Death Rate	12.22
Death Rate from Tuberculosis	0.31
Infantile Mortality	18
Number of Dwelling Houses of all Classes, 1950	6,932
Number of Houses erected during the year :	
(i) By the Local Authority	62
(ii) By other Bodies or Persons	6

Housing Conditions

There was little improvement in the housing position in the area during the past twelve months, 62 houses were completed and occupied but there still remained a total of 1,537 applicants on the housing list at the end of the year.

Progress on all housing sites was severely held up by the inclement weather experienced throughout the year, but it is pleasing to note that more housing contracts were allocated during this year than any other. If this can be maintained it is probable that the housing lists will be considerably reduced during the next two or three years. The majority ofthese houses under contract are types which can be erected more quickly than the normal traditional houses, and there is every reason to believe that this policy will considerably increase the number of houses completed each year.

	Pre-fab.	Perm. Pre-fab.	Traditional Houses
Number of Houses owned by the Local Authority on 31/12/50	—	154	959
Number of Local Authority Houses in course of erection on 31/12/50	—	152	34
Number of Houses for which sanction has been given but which had not been commenced on 31/12/50	—	—	40 flats

Total Number of Houses Erected during the Year 1950

	Pre-fab.	Perm. Pre-fab.	Traditional Houses
By Local Authority	—	—	62
By Private Enterprise	—	—	6
Number of Houses under construction by private enterprise but not completed on 31/12/50			4

1—Unfit Dwelling Houses

A. Inspection of Dwelling Houses during the Year

1.	(a) Total number of dwelling houses inspected for housing defects under Public Health or Housing Acts	638
	(b) Number of Inspection made for tne purpose	921
2.	(a) Number of dwelling-houses (included in sub-heading 1 above) which were inspected and recorded under the Housing Consolidated Regs., 1925 and 1932	194
	(b) Number of Inspections made for the purpose	281
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	53
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	127

B. Remedy of defects during the Year without Service of Formal Notices

Number of dwelling-houses rendered fit in respect of Informal Action by the Local Authority or their Officers	80

2—Action under Statutory Powers during the Year

(a) Procedings under Sections 9, 10 and 16 of the Housing Act, 1936.

1.	Number of dwelling-houses in respect of which Notices were served requiring repairs	Nil
2.	Number of dwelling-houses which were rendered fit after service of formal Notices :	
	(i) By the Owners	Nil
	(ii) By the Local Authority in default of Owners	Nil

(b) Proceedings under Sections 39 and 93 of the Public Health Act, 1936.

1.	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	104
2.	Number of dwelling-houses in which defects were remedied after service of Formal Notices :	
	(i) By Owners	
	(a) Before Legal Proceedings	75
	(b) After Legal Proceedings	18
	(ii) By Local Authority in default of Owners	11

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936.

1.	Number of Houses in respect of which Demolition Orders were made	3
2.	Number of dwelling-houses demolished in pursuance of Demolition Orders	3

(d) Proceedings under Section 12 of the Housing Act, 1936.

1.	Number of tenements or underground rooms in respect of which Closing Orders were made	2
2.	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

Housing Act, 1936. Part VI—Overcrowding

1.	(a) Number of dwellings overcrowded at the end of the year	393
	(b) Number of Families dwelling therein	631
	(c) Number of persons dwelling therein	2,524
2.	Number of new cases of overcrowding reported during the year	18
3.	(a) Number of cases of evercrowding relieved during the year	56
	(b) Number of persons concerned in such cases	224
4.	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for abatement of overcrowding	Nil
5.	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil

Table A

Inspections carried out during the Year under the Public Health Act, 1936.

Sanitary accommodation, cinemas, etc	27
Drainage Works	181
Public Conveniences	49
Piggeries, etc.	91
Waterworks	12
Nuisances	532
Refuse disposal	28
Vermin	35
Offensive Trades	19
Infectious Diseases	111
Miscellaneous	356

Eradication of Bed Bugs

Number of dwelling-houses treated for eradication of bed bugs :

Council properties	3
Private properties	8

Methods employed in carrying out this work entail the use of D.D.T. smoke, and steam disinfestation of bedding. Satisfactory results have been obtained.

Prevention of Damage by Pests(Act, 1949

The work of dealing with rodent infestation was continued during the year and two treatments of the sewers were carried out using zinc phosphide and sausage rusk, and arsenic and bread mash. A total of 2,470 manholes were treated with very satisfactory results.

A summary of surface infestation treatments is given below.

Table B

Premises	Number	No. of Visits
Business Premises, Private houses, etc.	81	486
Refuse Tips	4	26
Schools	8	48
River Banks	4	20

Public Health Meat Regulations, 1924

There are no slaughterhouses operating in this area. All meat coming into the district is killed at the central slaughterhouse at Tredegar.

During the year 84 pigs were killed by cottagers and notification given to this Authority in order that inspection of the carcases could be carried out.

Food and Drugs Act, 1938

A considerable number of visits were paid to the various food premises in the district, and during the year 8 Notices were served under Section 13 of the above Act. In all cases the work necessary was carried out without recourse to legal proceedings.

The table below gives details of the inspections carried out.

Table C

Premises	Number	No. of Visits
Greengrocers	19	76
Butchers	32	87
Restaurants, cafes	12	79
Grocers	51	112
Fried Fish Shops	12	59
Bakehouses	13	47
Cooked Meat Shops	2	18
Markets	1	14

Table D

Summary of Foodstuffs condemned during the year :

Food Condemned.	Amount
Meat	272 lbs.
Meat, tins	100
Meat Paste	16 tins
Fish	842 lbs.
Fish, tins	14
Meat & Vegetables	4 tins
Vegetables, tins	177
Soup	7 tins
Bacon	670 lbs.
Rabbits	16½ lbs.
Butter	23½ lbs.
Cheese	39 lbs.
Eggs	470
Tomatoes	265
Fruit	43 lbs.
Fruit, tins	66
Jam	38 jars
Milk, tins	117
Flour	78 lbs.
Pickles	124 jars
Sausages	206 lbs.
Confectionery	445 pkts.

Public Houses

Constant supervision was maintained over the forty-three public houses and clubs in the area, and in only two cases was it found necessary to take action to have defects remedied. These were complied with without recourse to legal proceedings.

Ice-Cream (Heat Treatment, etc.) Regulations, 1947

All manufacturers and vendors of ice-cream in this area were frequently visited during the year. Samples for bacteriological examination were regularly taken and the results showed a continued improvement in the standard. Where an unsatisfactory result was received immediate action was taken to discover the cause and rectify it.

The following tables show the premises registered and the results of samples taken during the year.

Table E

Premises Registered	Number	No. of Visits
Sale, Manufacture and Storage	17	106
Sale	38	74
	55	180

Table F

Record of Samples taken during the Year :

Grade	Number
1	36
2	16
3	4
4	7
	63

Cowsheds, Dairies and Milkshops

With the exception of a small proportion of raw milk which is produced in the area, all milk sold in this district is either pasteurised, heat treated, or tuberculin tested pasteurised, and practically the whole of this milk is sold bottled, which is a decided improvement.

The area has not yet been included as part of a designated area but it is hoped that it will not be long before this occurs.

There are 31 milk distributors in the district and of these 26 sell bottled pasteurised milk only. During the year 117 samples of milk were taken for bacteriological examination and it was found that only 17 were unsatisfactory.

Factories Act, 1937

Regular visits were paid to factories and workplaces in the area to ensure that a satisfactory standard of cleanliness was maintained. Action was taken in one case only, and in that instance the work neccesary was immediately carried out.

Table E FACTORIES ACTS 1937 and 1948

Prescribed particulars on the administration of the Factories Act, 1937.

PART I OF THE ACT

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Reg. (3)	Number of Inspections (4)	Written Notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	5	22	.....	.....	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	47	115	1	.....	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority* (excluding out-workers premises . ..	3	.....	.....	.....	.....	3
TOTAL.....		52	137	1	.....	

2.—CASES IN WHICH DEFECTS WERE FOUND

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars	M/c line No. (2)	Number of Cases in which defects were found: 3 Found	4 Remed'd	Referred To H M Inspector 5	Referred By H M Inspector 6	Number of Cases in which prosecutions were instituted (7)	M/c line No. 8
Want of cleanliness (S.1)	4	.....	.....	.....	.....	.....	4
Overcrowding (S.2)	5	.....	.....	.....	.....	.....	5
Unreasonable temperatature (S.3)	6	.....	.....	.....	.....	.....	6
Inadequate ventilation (S.4)	7	.....	.....	.....	.....	.....	7
Ineffective drainage of floors (S.6)	8	.....	.....	.....	.....	.....	8
Sanitary Conveniences (S.7).....							
(a) insufficient	9	.....	.....	.....	.....	.....	9
(b) Unsuitable or defective	10	1	1	.....	.....	Nil	10
(c) Not separate for sexes	11	.....	.....	.....	.....	.....	11
Other offences against the Act (not including offences relating to Outwork.....	12	.....	.....	.....	.....	.....	12
TOTAL.....	60	1	1	.....	.....	Nil	60

* i.e. Electrical Stations [Section 103(1)], Institutions. (Section 104) and sites of Building Operations and Works of Engineering Construction (Sections 107 and 108).

PART VIII OF THE ACT

OUTWORK Sections 110 and 111

NIL

Water Supply

This area is supplied from two reservoirs which are both situated on the Llangynidr Moors. The water is conveyed to the town by means of cast iron gravitated mains, and as the use of lead pipes has been almost entirely superceded by galvanised iron, the risk of contamination by lead has been reduced to a minimum. The supply is on the whole adequate and satisfactory.

During the year work was commenced on the provision of extra filters at both reservoirs to supplement the existing filter beds which during some periods are overworked due to the high peat content of the raw water.

The number of houses supplied from public water mains direct to the houses was 6,922, and so approximately 29,350 of the population were thus served.

Samples of both raw and treated water were taken regularly from the reservoirs and springs in the area, and sent to the Public Health Laboratory at the County Hall, Newport for bacteriological examination. Results of the samples taken during the year are tabulated below.

Table G

	Reservoirs		Springs	
	Satis-factory	Unsatis-factory	Satis-factory	Unsatis-factory
(a) Bacteriologica Examination of—				
(i) Raw Water	—	10	—	2
(ii) Treated Water	24	—	—	—

Earth Closets

There were only 120 earth closets in the district at the beginning of the year, the remainder of the houses in the area being provided with water closets. . A further twenty earth closets were converted to the water carraige system during the year and more are to be converted in the near future. The majority of those remaining however are in properties which are totally unfit for habitation, and where the cost o fconversion would be prohibitive. These will be dealt with as soon as the Local Authority are in a position to carry out a Slum Clearance programme.

Drainage and Sewerage

The district is being drained and sewered on the partially separate system. The surface water discharges into the River Ebbw. The sewerage system is connected to and discharges into the Western Valley Main Trunk Sewer from which it is conveyed to the Bristol Channel.

Infectious Diseases

The following cases of Infectious Diseases were dealt with during the year. Each case of tuberculosis notified was visited, and a report upon environmental conditions, etc. forwarded to the Tuberculosis Physician for the area.

Disease	No. Notified	No. of Disinfections carried out	No. Removed to Hospital or Sanatorium
Scarlet Fever	70	67	7
Diphtheria	2	2	2
Acute Poliomyelitis	2	2	—
Tuberculosis—Pulmonary	20	28	23
Other Forms	6	4	4

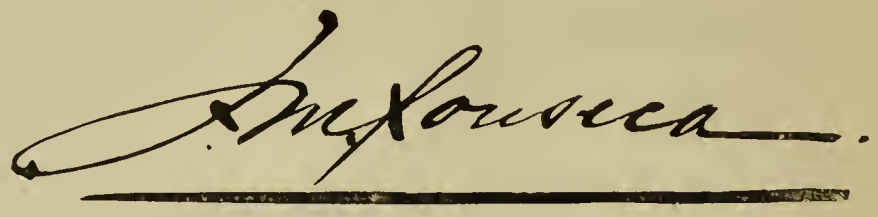
With regard to tuberculosis cases, disinfections were carried out immediately after admission to Sanatorium, or after death.

Rainfall

	Inches	No. of Days
January	2.01	16
February	11.69	19
March	4.39	13
April	4.39	23
May	2.79	12
June	2.86	15
July	6.68	17
August	8.48	23
September	7.90	27
October	2.92	18
November	7.55	22
Dechember	3.58	23

Conclusion

I take this opportunity to make my appreciation of the generous co-operation afforded by Members of the Council, my fellow Officials, and my Colleagues, and to express satisfaction at the work carried out in the Ebbw Vale Area.



Medical Officer of Health
F.R.C.S.I., D.P.H.